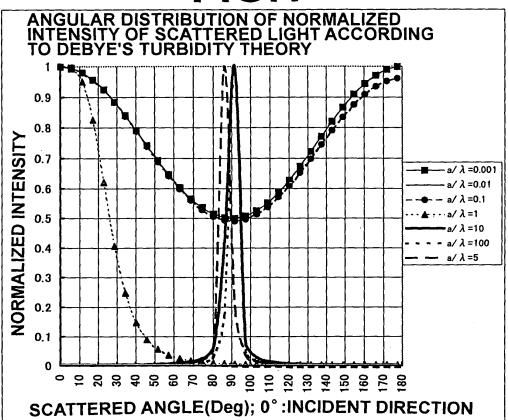
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FIG.1



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FIG.2

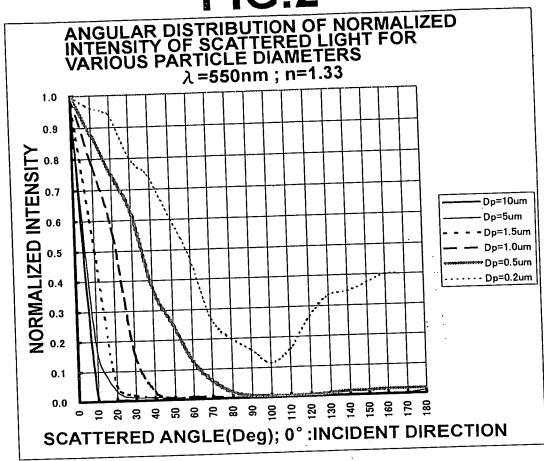
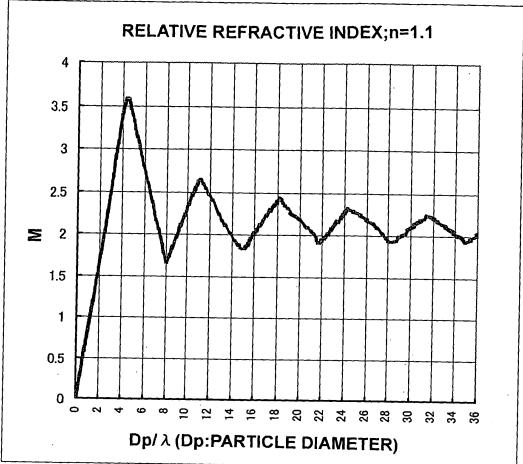
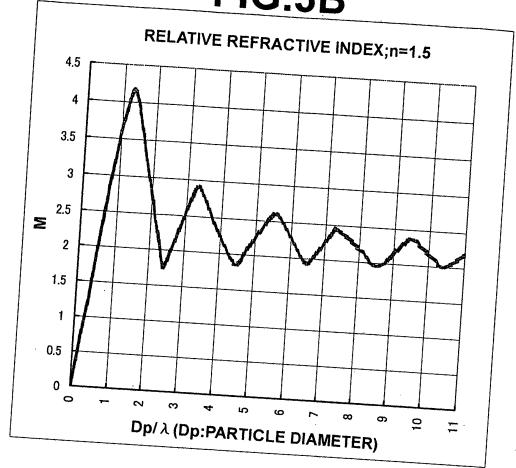


FIG.3A



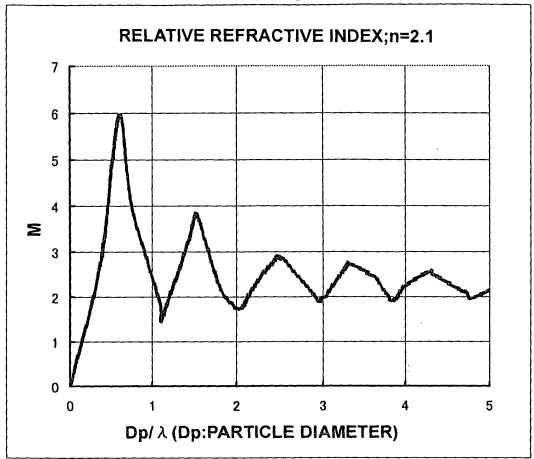
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FIG.3B



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FIG.3C

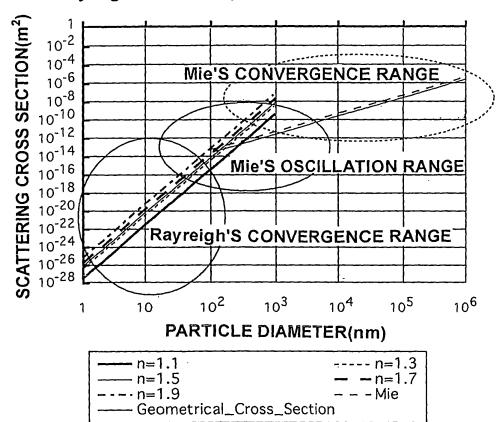


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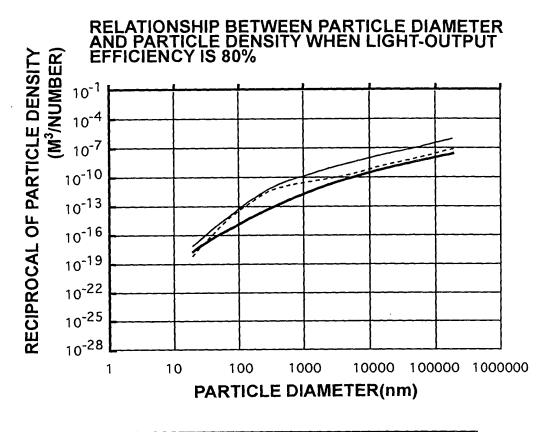
FIG.4

COMPARISON OF SCATTERING CROSS SECTIONS Rayreigh VS Fresnel (Mie'S CONVERGENCE RANGE)



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FIG.5

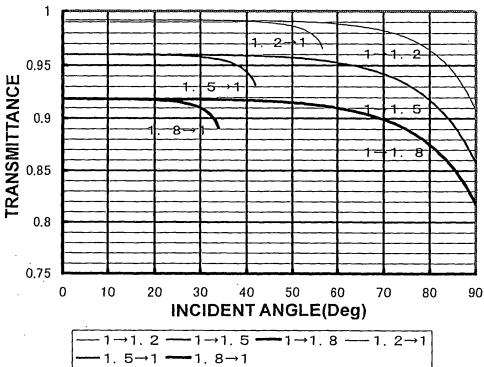


—— 10mm ----- 100mm —— 1000mm

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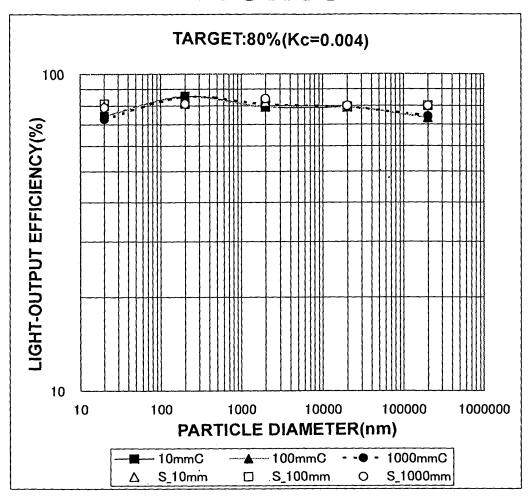
FIG.6

FRESNEL LOSS AT BOUNDARIES BETWEEN MEDIUMS HAVING DIFFERENT REFRACTIVE INDEXES



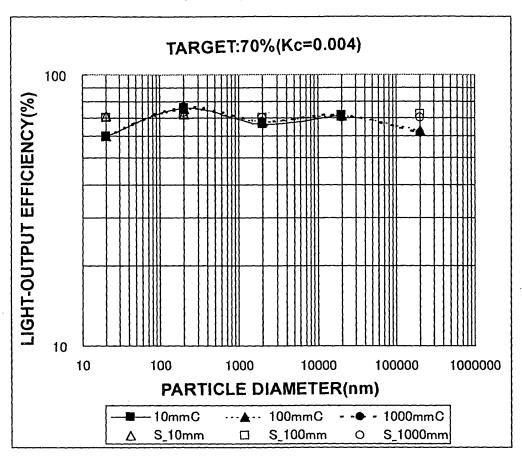
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FIG.7A



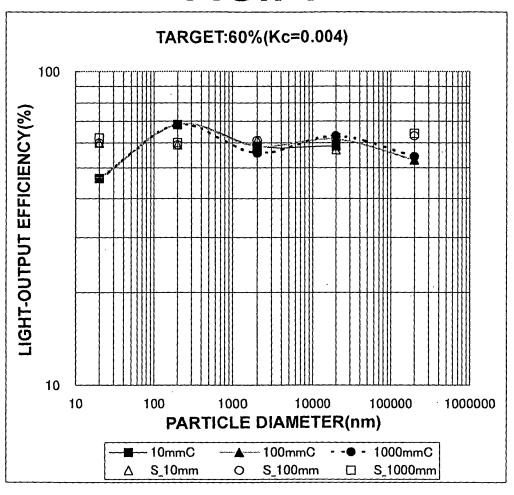
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FIG.7B



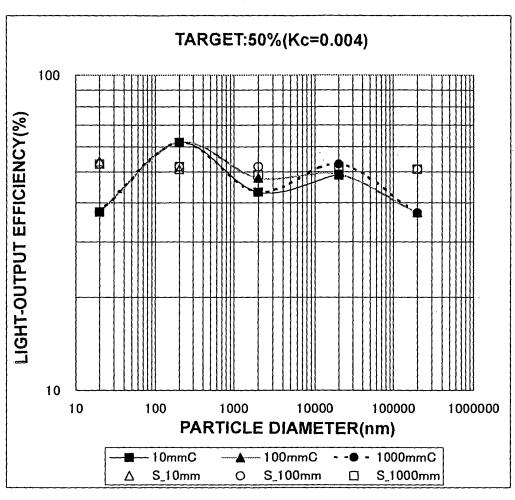
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FIG.7C



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FIG.7D



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FIG.7E

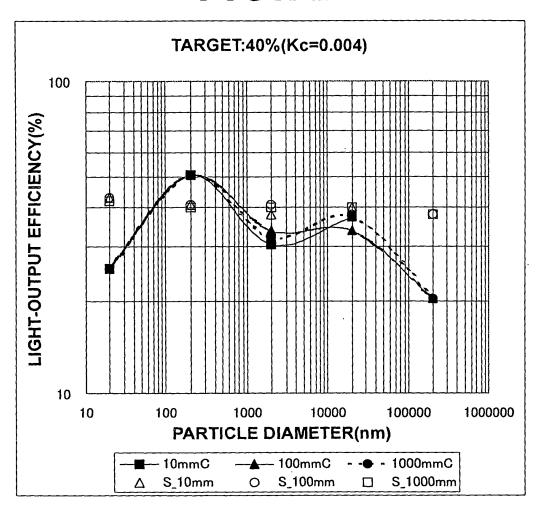


FIG.8A

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INTENSITY DISTRIBUTION OF EMITTED LIGHT (SMALL-SIZE SHEET)

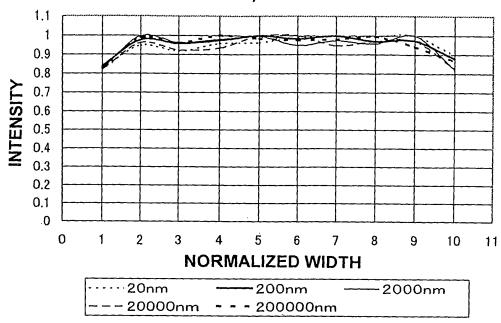
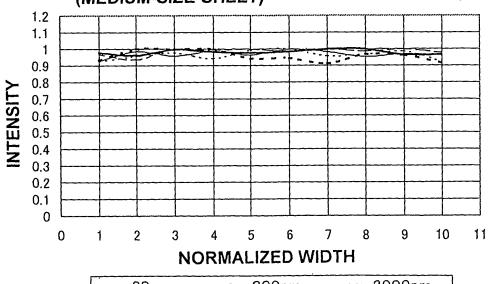
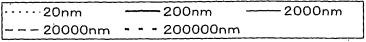


FIG.8B

INTENSITY DISTRIBUTION OF EMITTED LIGHT (MEDIUM-SIZE SHEET)

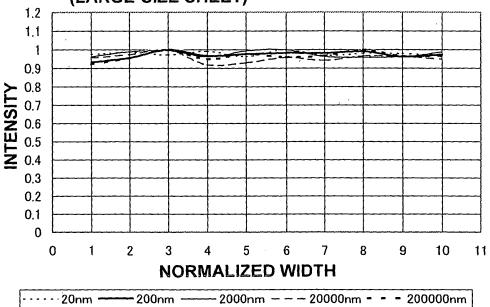




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FIG.8C

INTENSITY DISTRIBUTION OF EMITTED LIGHT (LARGE-SIZE SHEET)

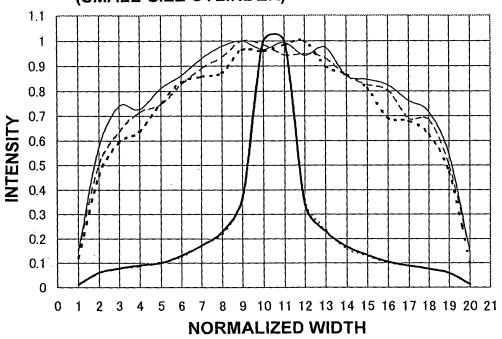


200nm ---- 2000nm - - - 20000nm - - 200000nm

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FIG.9A

INTENSITY DISTRIBUTION OF EMITTED LIGHT (SMALL-SIZE CYLINDER)

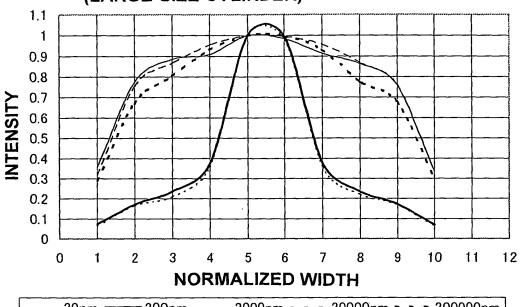


-----20nm -----2000nm - - - 20000nm

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FIG.9B

INTENSITY DISTRIBUTION OF EMITTED LIGHT (LARGE-SIZE CYLINDER)

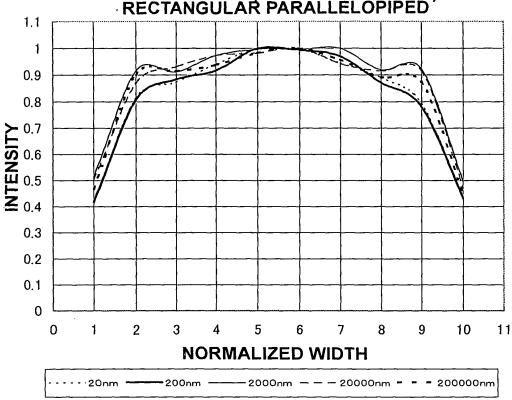


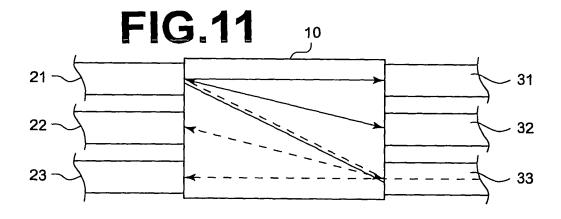
-----20nm —— 200nm —— 2000nm - - - 20000nm

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FIG.10







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FIG.12

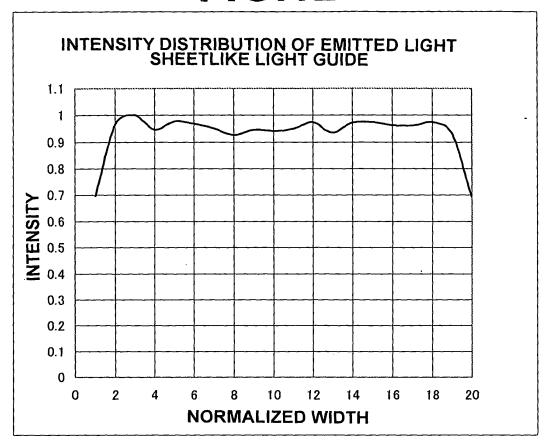
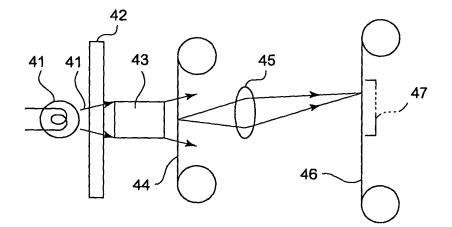


FIG.13



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FIG.14A

INTENSITY DISTRIBUTION OF EMITTED LIGHT (CENTRAL PORTION)

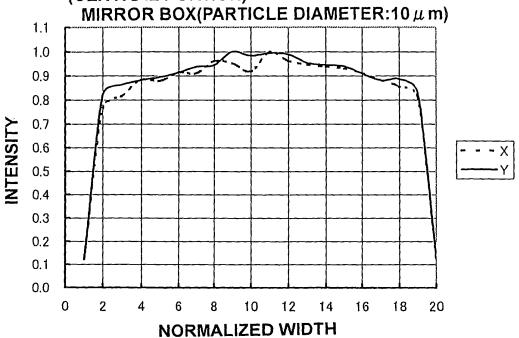
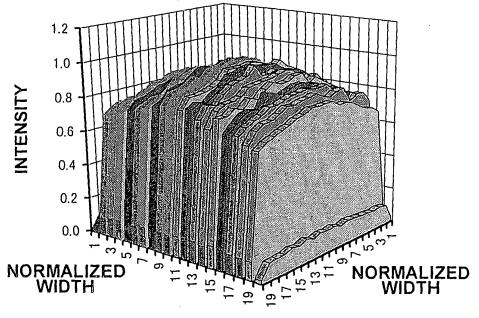
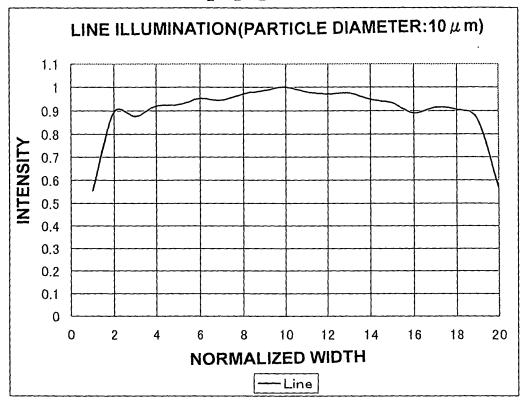


FIG.14B
3-DIMENSIONAL INTENSITY DISTRIBUTION OF EMITTED LIGHT
MIRROR BOX(PARTICLE DIAMETER:10 μ m)



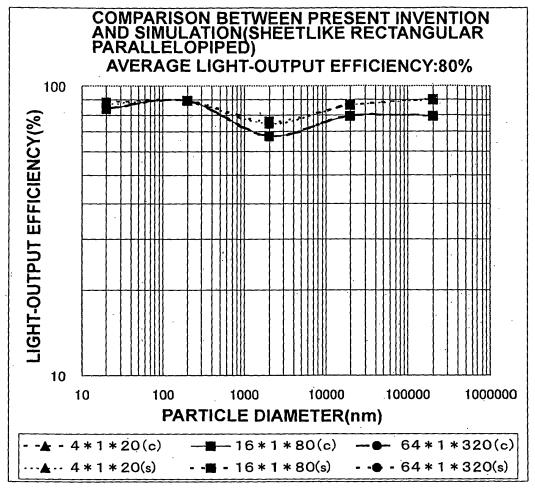
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FIG.15



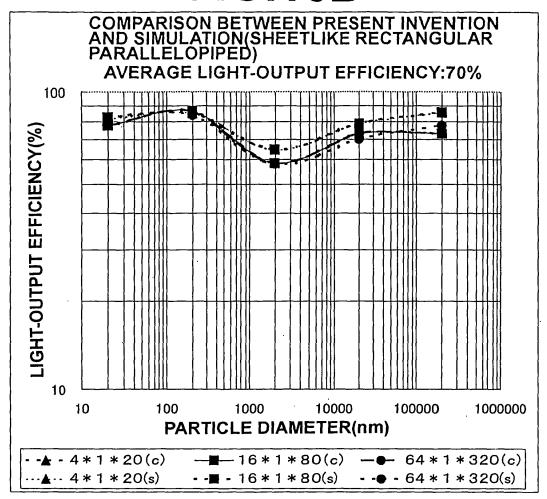
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FIG.16A



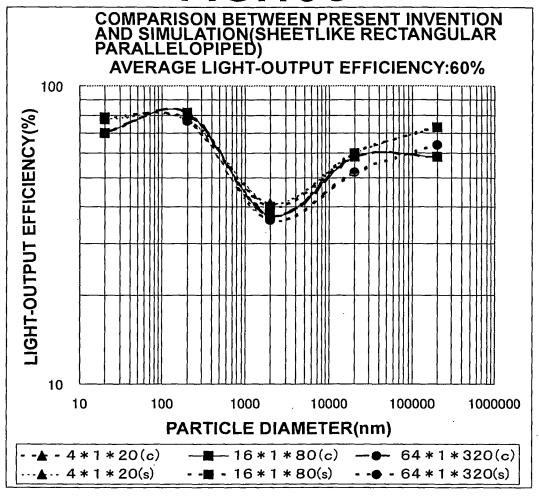
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FIG.16B



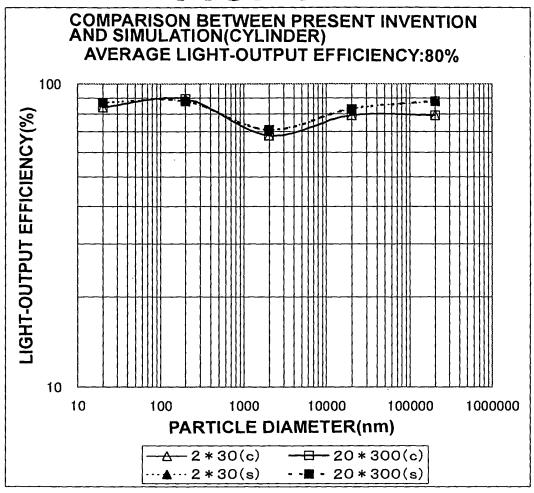
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FIG.16C



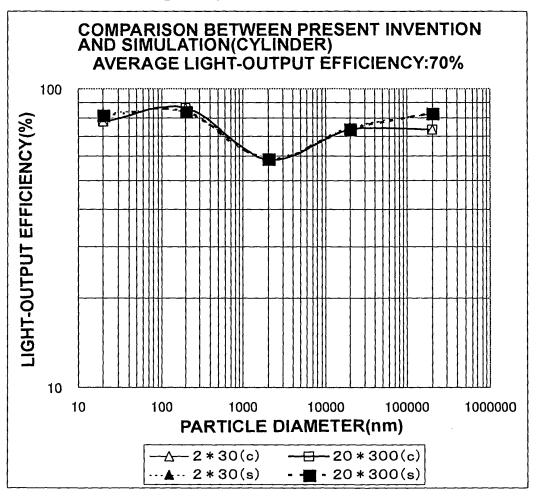
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FIG.16D



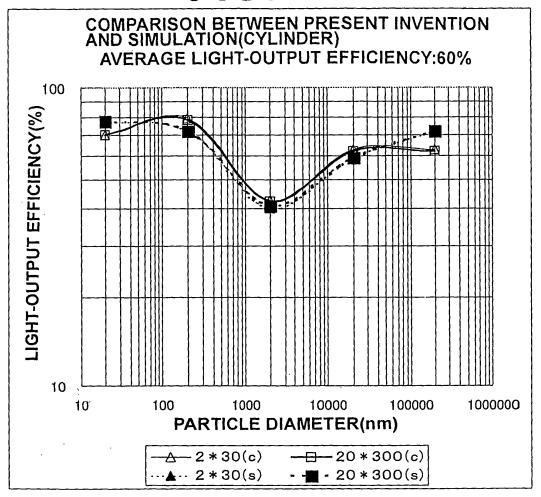
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FIG.16E



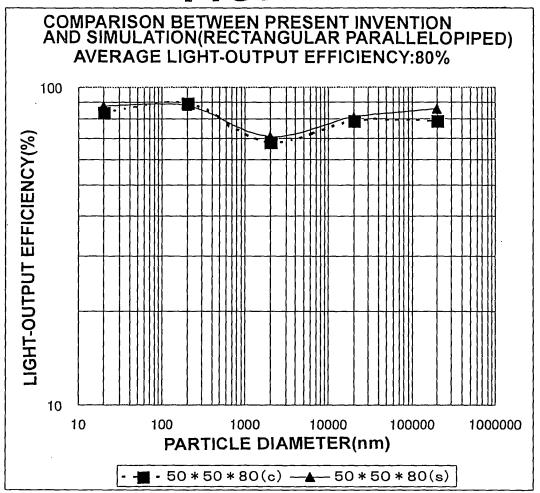
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FIG.16F



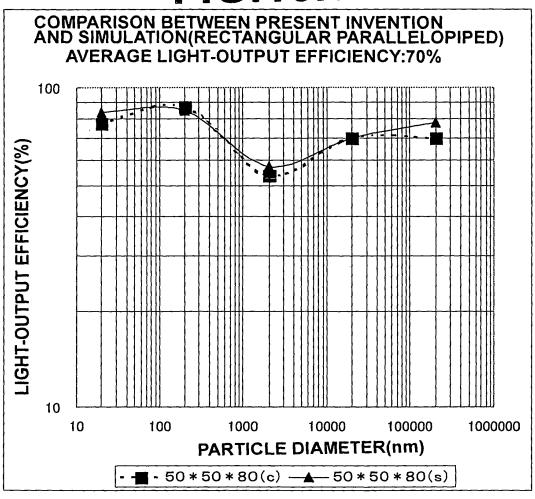
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FIG.16G



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FIG.16H



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FIG.16I

